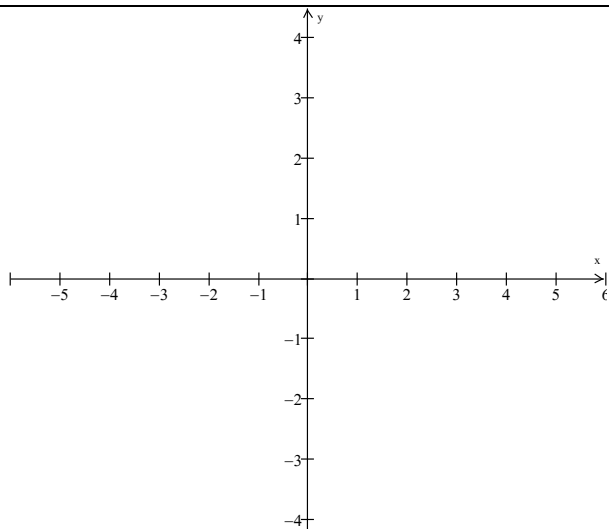


1) $f(x) = \frac{1}{x+4}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

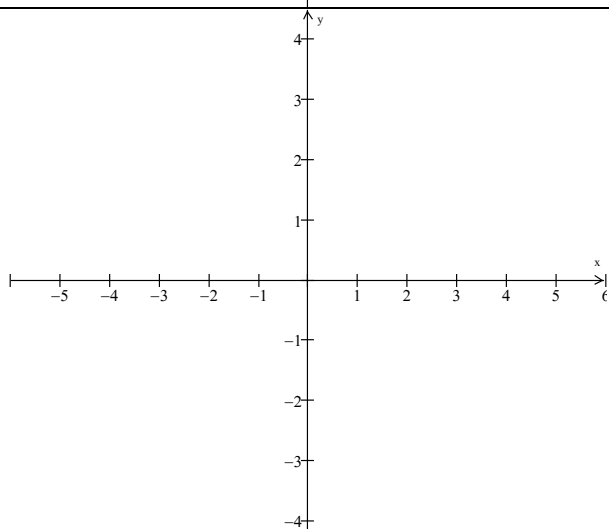


2) $f(x) = \frac{1}{(x+4)^2}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

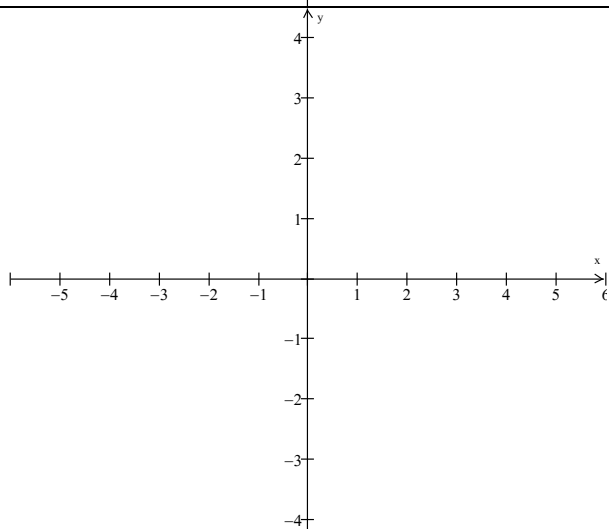


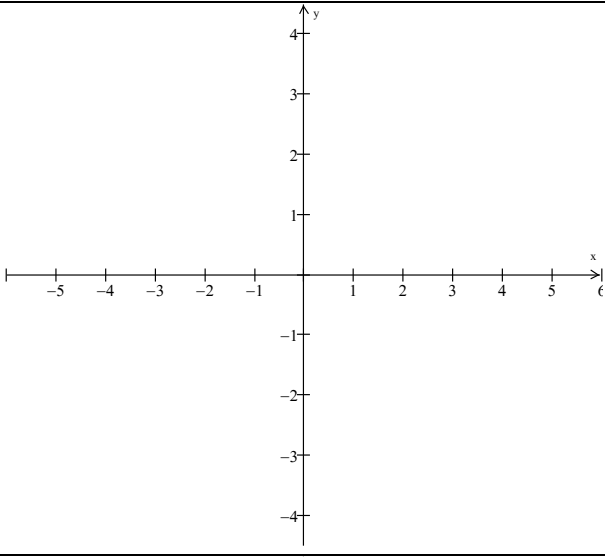
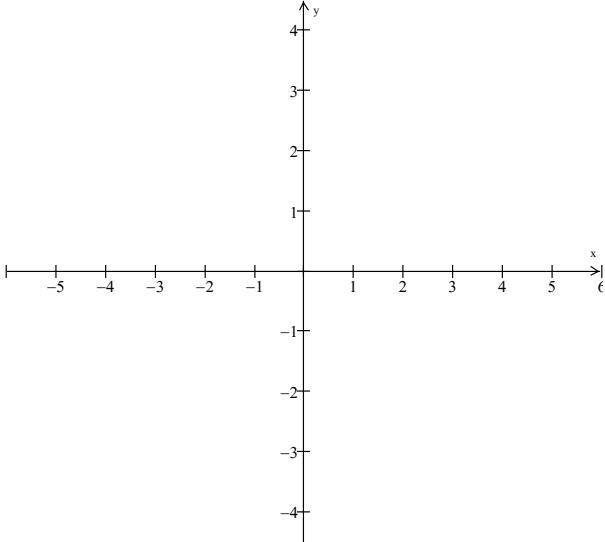
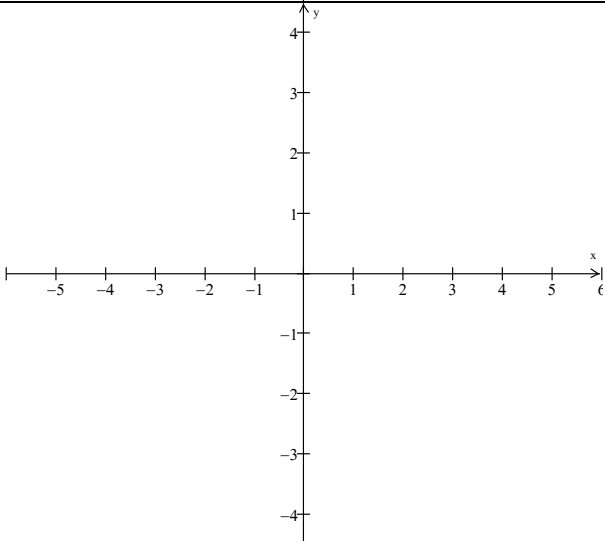
3) $f(x) = \frac{x-2}{x+4}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:



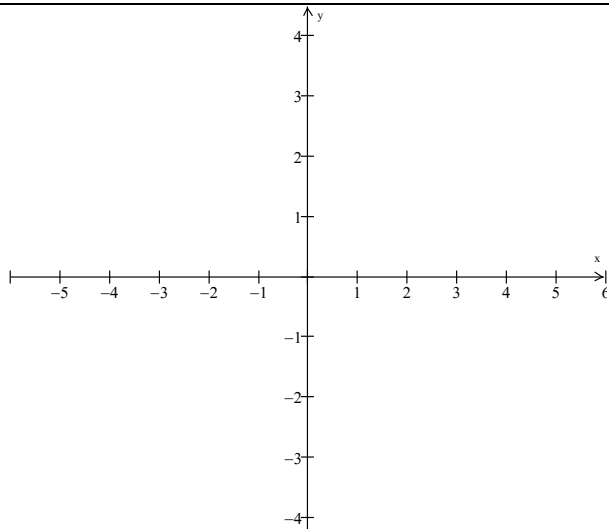
<p>4) $f(x) = \frac{x-2}{(x+4)(x-2)}$</p> <p>Hole(s):</p> <p>Vertical Asymptote(s):</p> <p>Horizontal Asymptote:</p>	
<p>5) $f(x) = \frac{(2x-6)(x+4)}{(x-1)(x+2)}$</p> <p>Hole(s):</p> <p>Vertical Asymptote(s):</p> <p>Horizontal Asymptote::</p>	
<p>6) $f(x) = \frac{1}{x-2}$</p> <p>Hole(s):</p> <p>Vertical Asymptote(s):</p> <p>Horizontal Asymptote:</p>	

7) $f(x) = \frac{1}{(x-2)^2}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

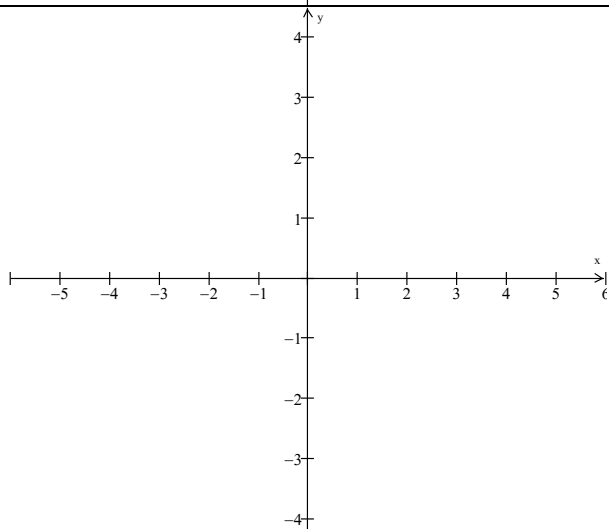


8) $f(x) = \frac{x+1}{x-2}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

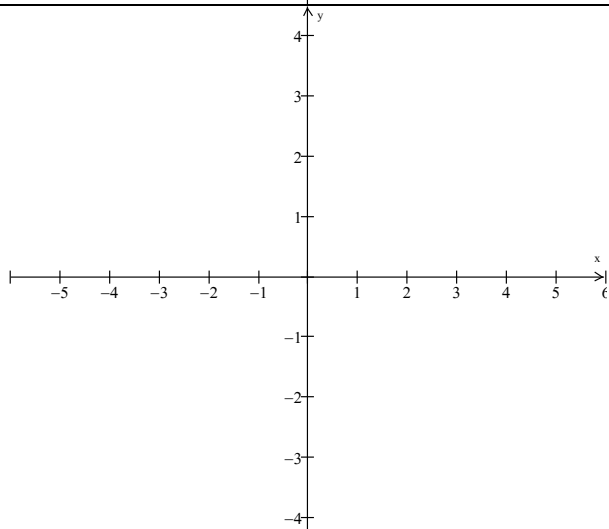


9) $f(x) = \frac{x-1}{(x+3)(x-1)}$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

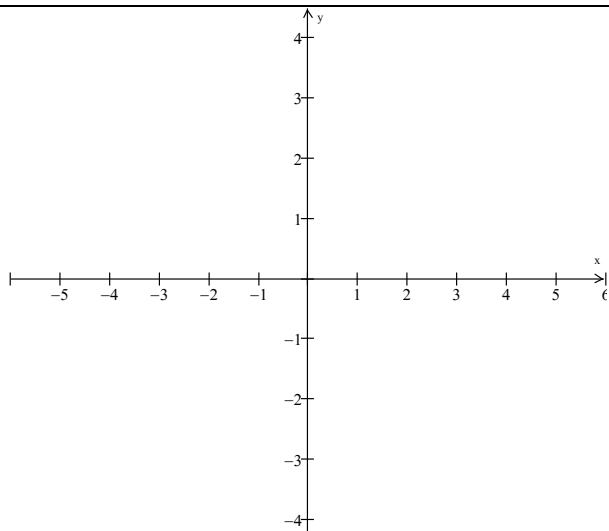


$$10) f(x) = \frac{(x+1)(x-2)}{(3x-6)(x-5)}$$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

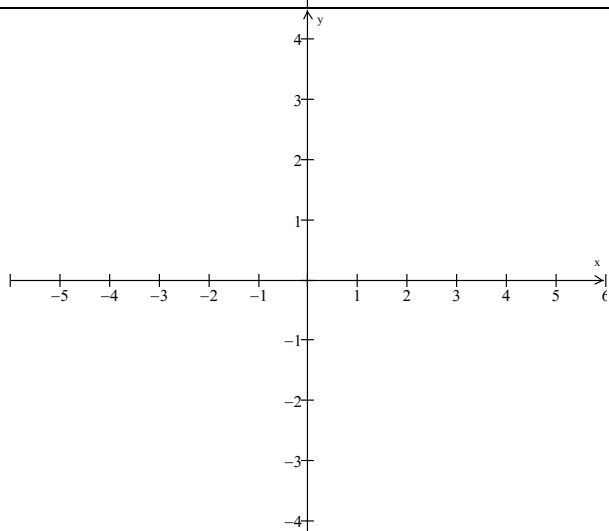


$$11) f(x) = \frac{(-3x+6)(x+4)}{(x-2)(x-1)}$$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:



$$12) f(x) = \frac{(x-2)}{(x-2)(x-5)^2}$$

Hole(s):

Vertical Asymptote(s):

Horizontal Asymptote:

